

10 →

| | | | |
|-----|--------|---------------------|------------------------|
| 15 | 1000 Å | InGaAs | |
| 21 | 1 μm | InP | |
| 20 | 1000 Å | InP | |
| 19 | 50 Å | InGaAs | $p = 5 \times 10^{17}$ |
| 14 | 250 Å | InP | $p = 6 \times 10^{17}$ |
| 18b | 800 Å | 1.15 Q | $p = 5 \times 10^{17}$ |
| 17 | 700 Å | 1.24 Q | undoped |
| 16 | 50 Å | QW | undoped |
| 17 | 100 Å | 1.24 Q | undoped |
| 16 | 50 Å | QW | undoped |
| 17 | 100 Å | 1.24 Q | undoped |
| 16 | 50 Å | QW | undoped |
| 17 | 700 Å | 1.24 Q | undoped |
| 18a | 800 Å | 1.15 Q | $n = 5 \times 10^{17}$ |
| | 5000 Å | InP | $n = 1 \times 10^{18}$ |
| 22 | | n^+ InP Substrate | |

11

13

Fig. 1

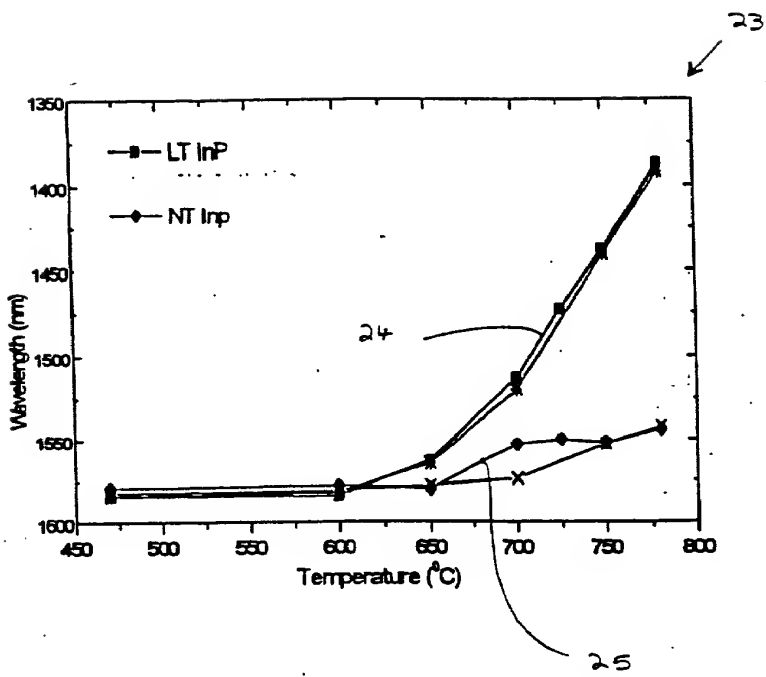


Fig. 2

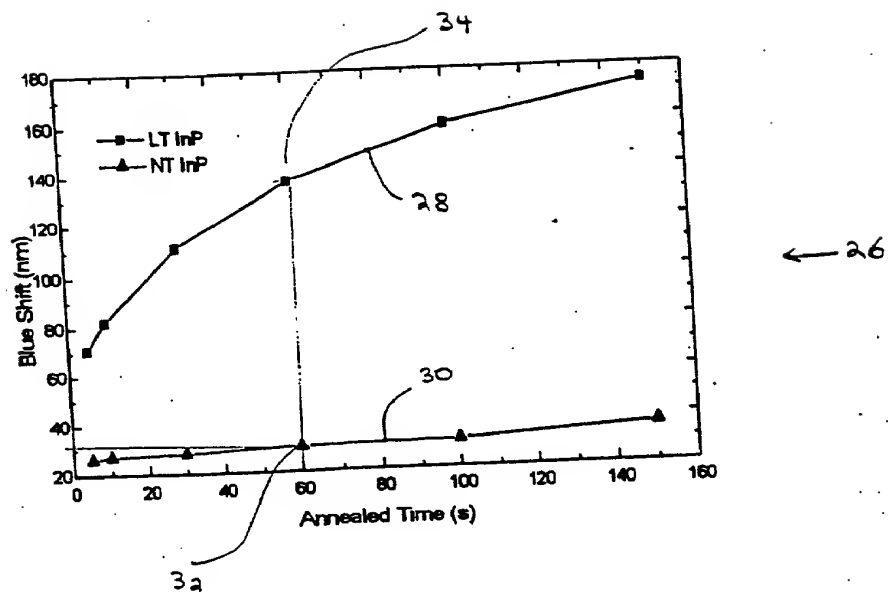


Fig.3

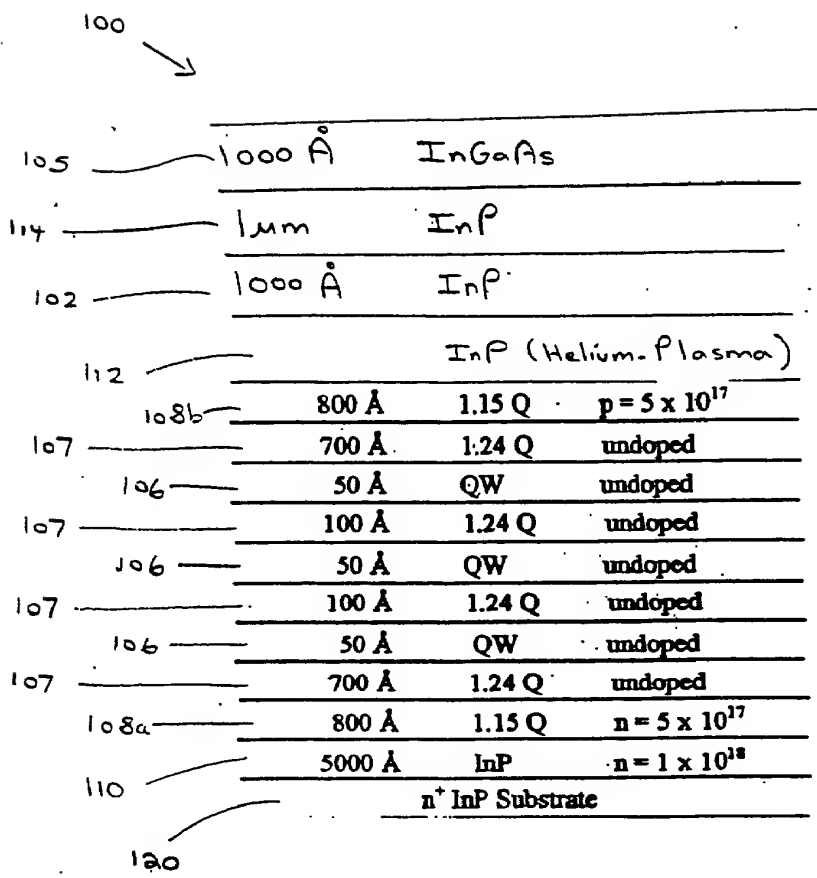


Fig 5a

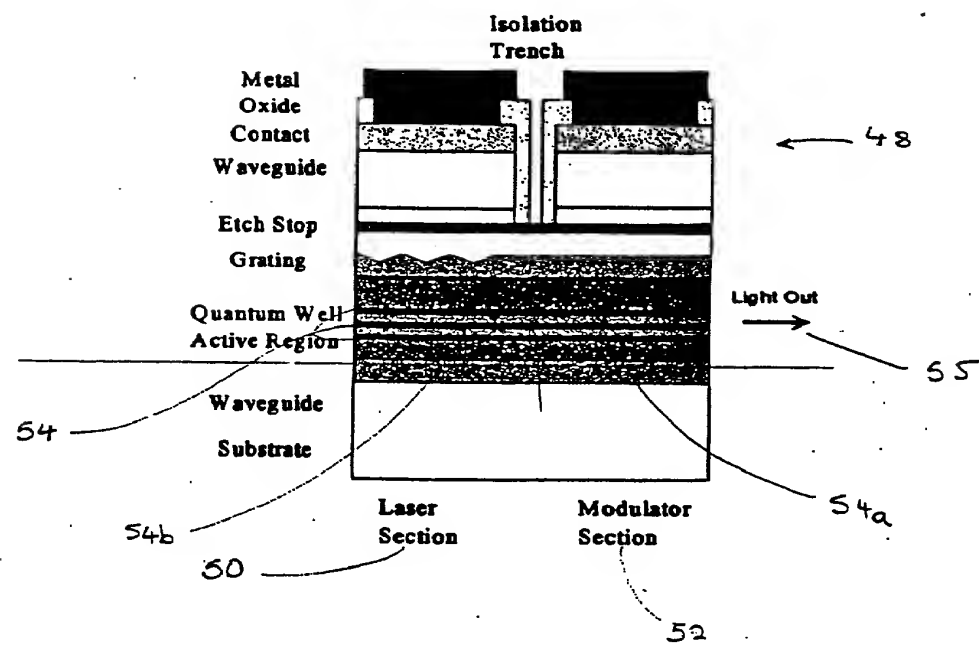


Fig. 5b

56

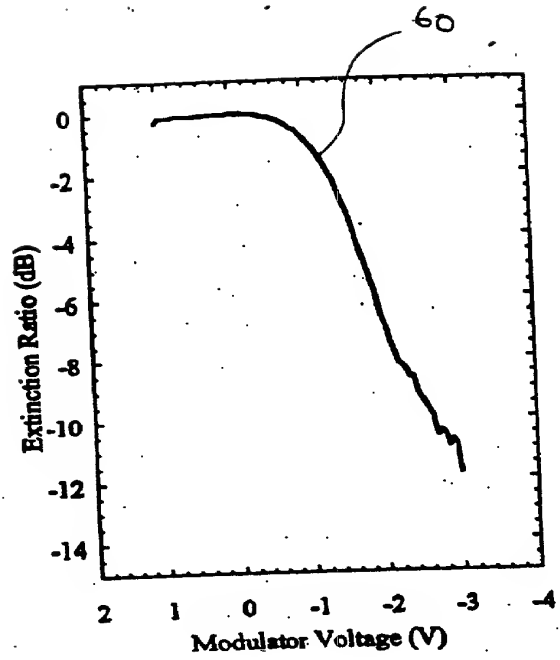


Fig. 6